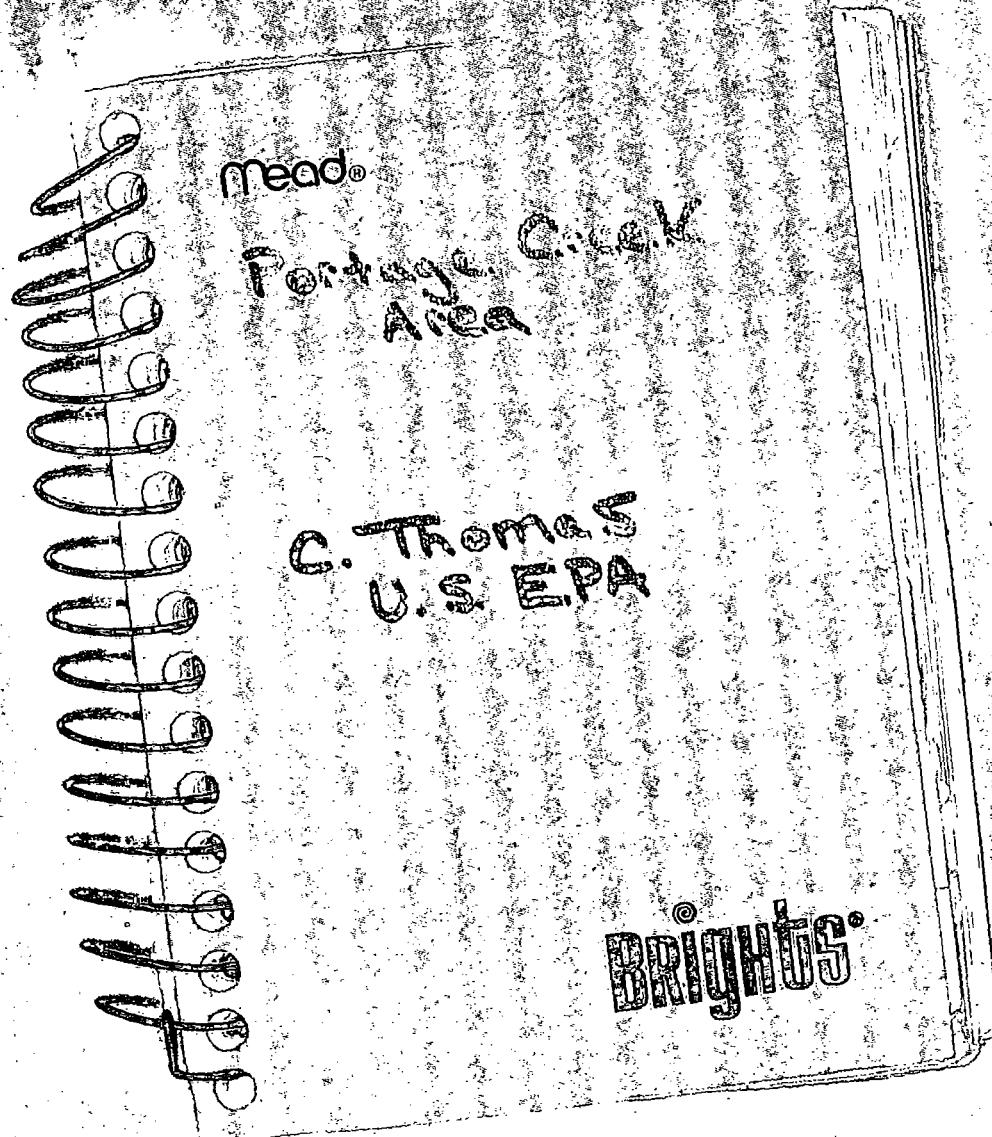


US EPA RECORDS CENTER REGION 5



474077



X/18/V

8/08/41

Meeting w/ City of Kalamazoo

7

John Seelman
Field Services Manager

Bruce Merchant

Fred Nagel

City Lot South fence
line 46'

then angle over to light
pole near creek bank

Todd Pryor 330-5321
Forester

present tree cutting to Kalamazoo City Tree Committee
Put fence between buildings in back
Grand Elk Railroad owns RR
by city lot

e-mail
bree
excavations areas

CT.
8/09/04

mood

8/23/11

- @ Bronson properties from
tree to edge of pavement $\approx 50'$
from Edge of pavement to utility pole $\approx 95'$
from tree to light pole $\approx 80'$
from light pole to edge of pavement $\approx 64'$
fence (beside creek) $\approx 80'$
from West edge of retention pond to tree $\approx 200'$

Send survey data to Dan T/EQ

CJ
8/23/11

2/13/12

Arrived on Site ~ 10:40 am (Eastern)
(Mobilized from Chicago office beginning
at 7:00 am Central)

Took a tour of SA-5 & SA-6
with RM → SA-6 cleared &
grubbed w/exception of few
trees that may need professional
tree removal service.

Curb cut of Stockbridge remains
covered, so have NOT inspected
it yet. Jeff said he would
call subcontractor about it.

SA-5 clearing grubbing
progresses.

mead

C1

2/3/12

4/10/12

On this date I picked up a vehicle from the Chicago office dispatcher @ ~ 7:20am and loaded up vehicle at departed Federal parking garage ~~at~~ at ~ 7:45 am (cont'd)

Arrived on site & talked with RM regarding current site activities observed flood prepping activities around John Street Staging pad.

Also observed backfill activities at SA-7

CT
4/10/12

Mood

Met w/ Ryan Russell. Ryan
is a subcontractor to EQ &
will be doing CAD work for the project.
Toured SAK with Jeff
& Ryan.

4/11/12
CT

4/2/2

Observed progress of SA-7 backfilling operation

- + Access road at SA-6
- + Toured SA-6 with EA R&M
- + prospective bidders for creek
- pump around. After learning space requirements for system:
 - 1) Contacted Gary Start w/ Kalamazoo Schools about anticipated activities at school barn (508 Lake St) Property
 - 2) Contacted Mike Gillikh w/ Grand Elk Railroad about clearing brush/trees along east bank of creek + about putting pipe on ground along top of bank for pump around system.

mood

4/12/12

(2)

Mike suggested we
meet @ 10:00 am on
Tuesday April 17th to review
what we are planning.

We discussed potential
need for flagmen during
installation of pipe.

Will discuss in more
detail when we meet
on 17th.

M.C.T.

4/12/12

4/13/12

Spreading
continued placement of soil
CT
4/13/12
in SA-7, ensuring shale
remains intact

Remaining addition wooden
mats that were used to
track back to excavation area

Began cutting brushlings
abv East Bank of ~~CT~~ ^{CT} ~~punche~~
creek in SA-6

Met with Debbie ^{Wing}
at 10:00 am to discuss
project. Discuss
of Lake Street entrance to
City Yard (near bridge)
(continued next page)

4/13/12

(2)

As it stands now, City is
OK with us bring equipment
in thru that entrance but not
hauling out dirt/sediment
thru that ~~or~~ curb cut.

I asked what the concerns
were in using the Curb Cut
for hauling out sediment. Debbie
identified two major issues:
1) we want to keep contaminated
soil away from day care center
2) will likely have trouble
making turn from Berwick
onto Crosstown with a
truck

Debbie said that at
(continued next page)

4/11/512

(3)

if we would like to propose an alternate traffic plan, we could submit it and she would have Bruce Merchant look it over. She suggested that we include an explanation of why we need the change (High tension pole + Guide wire behind Ice Rink Building) and we also should discuss traffic control activities with the revised traffic plan. We also discussed the possibility of temporarily shutting down one lane of Stockbridge Ave, using

mead

4/13/12

proper signage + flaggers,
so that the ~~contractor~~ contractor
^(empowered)
can unload equipment + materials
Again, Debbie suggested we
Submit a separate traffic
plan amendment.

Approved 8 hours for crew
working on clearing + grubbing

SA-6 + recontouring SA-7

for Saturday, U.S. EPA

Representative Keith lesnick
will also be present

CT

4/13/12

4/16/12

Arrived on Site 10:00 am local time

Crews continued clearing & grubbing in SA-6
& completed Timber Mat
decon & removal at SA-7

One crew member was
stabbed with a thorn while
clearing & grubbing in SA-6
in the Calf muscle - was
taken to Bronson Hospital
for evaluation & later dismissed

4/16/12

4/17/12

Crews removing gravel from
SA-7 & cutting large
tree branches at SA-5 on
the point ^{CT} _{4/17/12} ~~for~~ ^{CT} _{4/17/12} Confluence
of Axell Creek & Portage Creek.

^{CT}
4/17/12 Met with
Mike Gilligan WGRAND
ELK Railroad, discussed
what we would like to
do with pump around
system in portage creek
at SA-6 until approved
allowing us to put discharge
pipe on east bank of
creek

4/17/12

Mike gave us contact
info for Angie Bunker
(with Grand Elk Railroad)

She can arrange to get
us a flagman for
pipe installation (& removal)
activities.

Mike asked us to let
contact him if anything
goes wrong (e.g. leaks, ruptures, etc.)
with the pipe.

CT
4/17/12

4/18/82

(was notified) excavator
to SA 6 to pull
downed trees & debris in
the creek area.

Met Betty Nightingale
w/ USEPA & Showed her
the various site
activities.

4/19/12 demobilized from site

C 1
4/19/12

4/23/12

Met w/ Debbie Jung
w/ City of Kalamazoo
discussed current & planned
activities.

Discussed 1:3 slope for
creeks & clarified that
the restoration plan only
discusses 1:3 slope in
the toe of slope

4/24/12

Get Kader elevation
Data for SA-5 from
Fields →

Frank Tant SA-6 diff water frosty

Clean water monitor

Com Cbs 4/26 or 4/27

1st load stage at SA 16

Post Boxes Tomorrow/Thursday

Diesel fuel waiting on repts carts

Coir logs on May 7th

Street Sweeper probably 4/27

Internet → may take up to month.

me

4/24/12

4/2

Excavators in 4/29/12

Mats cleared by 4/25

By pass deactivation begin May 1st layout tops
pumps in May 7th —
Sumps will be dug either end
this week or first next week

Bids for wet dredge end

4/24/12

Isolation deactivation due 4/26/12
City: early to look at
sheet piling Friday, April 27
Tackily

4/24/12

Truck - 1 bid so far

backfill - have to look

at sources - need to collect samples.

Terra - has 1 friable

if we need them

Dredge x 14 th of May

Tire wash for \$16
polder road? prefab or build separate?

Make sure Belle ~~is ready~~ → doing a
pre-test in Hanover before sent there

3-bid median (carbonate material)

75 kw generator for bell

Tanker truck for dirty water - have
boards

4/25/12

Start collected post excavation
Confirmation Samples
at support areas (road in)

SA-7

Continued working on
work bench & clearing
trees on east bank of
Portage Creek

Continue final decor of
timber mats to be
Used at SA-6

4/20/12

Met w/ Paul Bucholtz

w/ MD EQ - Showed him

SA 7 + SA 6 progress

Received Com cob at SA-6

Received Rock Boxes at SA-6

It was noted that the equipment
was ~~only~~ able to left the
rock boxes. Will have to look
at alternatives.

Met w/ ~~Proposed~~ Resident at 442 Stockbridge
to discuss project & potential noise
w/ pump around system

Attempts to contact resident at

Mood

4/26/12

(2)

445 Stockbridge - no one

home

Stopped by Senior Services
met with Tracy Vermier (P)
provided fact sheet & bushes

Card 1

Met at C. 4/26/12
FIELDS Surveyed SA-7 elevations

Began drafting Adrep for
this reporting period

Discussed issue with
rock boxes, extremely
heavy - even empty, the equipment
on site is barely able to
move them

4/26/12

(3)

Will look at ushing 20 yard
roll of boxes instead — see then
do make note right -

Tried to contact

resident at 415 Stockbridge

for a second time at

~ 5:45 pm — no response

4/26/12

CJ.

092001

4/27/12

Finished drafting &

Finalized Polrep

Met w/ City of Kabineko

Installed additional Silt Fence at SA 6

West bank: Completed cutting of chippy

trees, on east bank

Workbench on SA 6 near
Completion

CJ.
4/27/12

5/03/12

(1)

Onsite op. 30.

Received invoice dated May 3, 2012

Received 20 yard roll off box
for SA 6

Finished setting silt fence on
east bank of SA 6

EQ Awarded dewatering sub
Contract to Ram for Rent

EQ awarded wet dredging
sub contract to Terra

EQ to look into subcontracting
tree removal at SA 5 - Adell crest

mead

5/03/12

- ② Placed 6-inch stone in
SAG to prep for Sump
excavation

Demobilizing 3 crew members
until bypass pumping system
+ sheet piling installed

C.T.
5/03/12

5/04/12

①

received and installed
precast concrete
Sump at SA-4

While installing sump
in a 3' wide section
of bank stamped
down - armored this
area with 6" stone

C. Stott

5/04/12

5/04/12

①

received and installed
precast concrete
Sump at SA-4

while installing sump
on a 3' wide section
of bank - stamped
down - armored this
area with 6" stone

~~5/04/12~~ 5/04/12

Stall 12

②

Met w/ Debbie Jung
w/ City of Kalamazoo.

Debbie indicated we

can place geofabric
in drains on City side

Debbie pointed out that
there is Japanese Knotweed
at SA-e - we need to
be aware of this.

Debbie suggested we
find out about getting
Permit to exceed City
Noise ordinance w/ by
pass system pumps

5/6/12

(3)

Provided Debbie w/a copy
of SA-6 pre construction
activities video for her review.

Sent message to stakeholders
at USFWS & MDEQ about
use of Round Up or Round to
Combat Japanese Knotwood.

EQM looking into
permit for Noise Advance

CIT
5/6/12

8/27/12

Received response from
USFWS regarding treatments
for Japanese Knotweed.
Will use "Rodeo."

EQ found out there is
no "permit" for exceeding
noise ordinance, but will
send letter to City
Manager, Acting Bruce Merchant
& Debbie Young, discussing
the exceedances.

Received 200 Coir logs today

Contacted Mark Pollega w/Kelamazoo Parks Dept

5/07/12
②

Parts of Recreation Dept. RC

Need to clear additional trees
along Axell Creek near youth center.

He contacted Denise Siegel &
she indicated that they
had programs running from 3-7pm
Monday - Friday at the youth
center, so if we could avoid
clearing a grubbing during
those times it would be best.

Received 2 pumps + additional
pipe today for pump-around system.
Also fuel tanks, sound matting for spa
had 4 rain-4-rent Silverbacks
& 1 Groundhog Railroad flagman on site

5/07/12

(2)
C.R.

Parts of Recreation Dept. RC
Need to clear additional trees
along Axell Creek near youth Center.
He contacted Denise Siegel &
she indicated that they
had programs running from 3-7pm
Monday - Friday at the youth
center, so if we could avoid
clearing a grubbing during
those times, it would be best.

Received 2 pumps & additional
pipe today for pump-around system.
Also fuel tanks, sand matting for site
Had 4 rain-in-rent subcontractors
& 1 Grand Ch' Railroad flagman on site.

Sat/ Dec.

Continued installing HDPE pipe

Continued filling super sacks

for coffer dam construction

Continued creating gabion
baskets

Mobilized 1 load of battry sand
in for super sacks

Insulated sediment feedable
in sandpiper at B5 BM

Cut grass down for HDPE
pipe installation

CV

Stock
0
C

Concreted busing pipe - for
by possibly pumping system

Complete installing geotextile
in storm drains

Sent letter to City of Lakewood
on nos. ordinance

Concreted garden baskets
for diffuse pad - 2
complete

Concreted concrete signs
for water dam installation

W

5/10/12
C.

1 made from the

① 5/10/12

med

5/23/12
ct.

Meet Betsy Nightingale
on site ~ 09:15

Betsy updated me on current
status of excavation activities

observed Terra excavating

SA G-5 / G-6

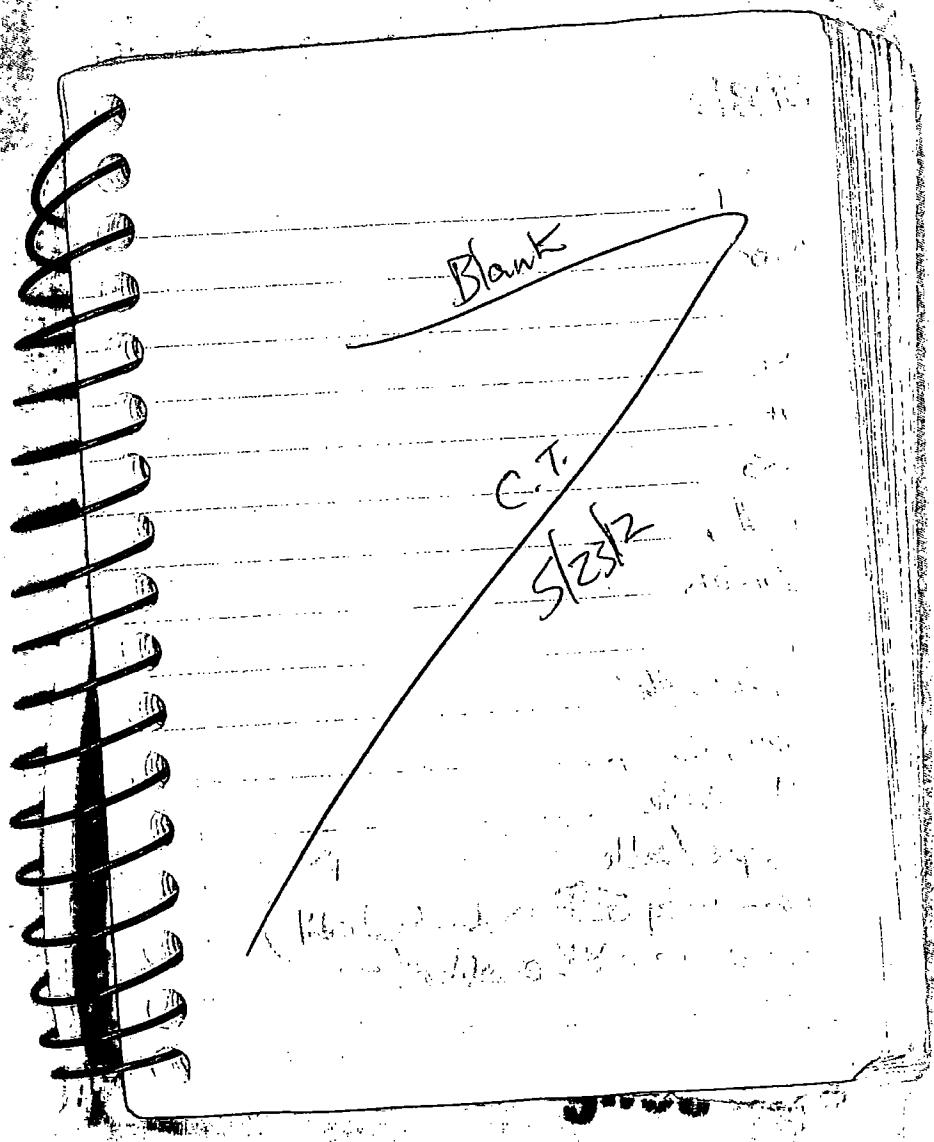
Sampling conducted in SA G-4
could not get into SA G-5
to sample because of depth of
standing water. Will get
small boat out on 5/24/12
to sample SA G-5 & SA G-6

ct. 5/23/12

Black

S2312

*Wet
Black
in the mud
soil
soil*



5/23/12

Terra completed excavation
through SA 6 -

will need to prep tanks
& move in backfill for
restoration on 5/24/12 -

so won't need Terra tomorrow
will probably want them
back on Friday

attempted to lift

by pass pumping pump again
& secure them with wire

rope/cable

Adam, Gary Jeff & I stayed until
20:00 to work on this

st 24/12
O

Began shipping off
sediment (started with
Manifest NTS CA 012)
first truck on site
at 0830.

We discussed putting
dark tarps down mat
read to crest bank
to prevent dripping from
excavator bucket impacting
banks. Will scope out
current dripping from
banks but don't want
to keep managing fear of
snagging roots along bank ledge.

5/24/12

(2)

also 5/23 attempted to call
Debbie Jung - left message
concern - that city is still
storing asphalt chips near
east side of Ice Rink
Building. Also checking to
see if she will be available
for Friday meeting on
5/25/12

~~Did not begin C.T.~~ Received
Frac Tank for water treatment
System at John Street

Sent off 9 sticks
Non-local sediments. Please

12/24/12

(3)

to O&C landfill

Non TSCA
manifests

Brekfill 18"?

put in fabric

Talked to Jeff

Paul about site issues
need to look at bypass
system & if we want
to keep current configuration

Jeff to follow up w/ Kieser tomorrow
& see what SA-5 restoration plan

5/24/12

(4)

Status B

C.T.

5/24/12

5/24/12
5/24/12
5/24/12
5/24/12
5/24/12
5/24/12
5/24/12
5/24/12

5/31/12

(7) (1)

0908

Meeting with Kaiser & Associates

Kaiser

Provided resegregation bidders

current prices - for Trees

based on 6' HIC (or equal)

3'-4' tree width

Possibly hydro seed application

work to save on native grasses

Spryfield will arrives

Jeff to meet with

Terra to see about getting

smaller stick excavator?

Rainbar not work on drainage system
Should have iso the 2 rainy days

S 3/12
C.T.

①
Jeff talked to Consumers
about getting power line
by F.C.C. (in SA 6)
Shielded - Consumers
said No, but that they
could cut poles to
line.

We said we didn't
want to do that -
talked to Debbie Jung
and she found out
that line is just
going to burn down City
Court like with coldly
the power off we
give them a little notice

5/31/12

OT
③

Took Jim Sasic
Leslie Kirby Miles &
Jeff from CDM on a tour
of SA 7+6 - they
seemed pleased with
work so far.

Crew shuts down @ 5:30pm
except Jeff Gary Adam
who are checking plans
& waiting for Republic
to drop off roll off
box.

I deposit 5:30 + to
go prep for public
meeting.

6/01/12

①

Jeff tells me guys were (last night)
here until 8:30pm managing water
& that Jeff got called
back at about 3:30 am &
stalled til 5:30 working on pump
trying to keep from getting
into Isolation areas.

Isolation area 2 was full of water
pumped down Isolation area 1
at 12:00 Jeff & I checked
for progress & Jeff decided
we should not re-plan to end over
weekend.
• harder backfill had been ordered
• placed in SAG

6/6/02
CH (7)

Met w/ Debbie Jurg C

10:00 City can agree to power turning off if needed. Jeff asked her to start finding out what the City wants us to do as far as restoration in SA 6 when we pull all

We need to remove trees in SA 5 D near cross town

for excavation - City may want us to expedite removal of some of these Ash trees due to insect infestation

Asked Jeff to find info to estimate total volume of water handled by creek bypass system

6/9/12

③

Crew ~~detained~~ at
Gate 7 pm depending on
job function

FCA demanded from
Site

C. J. 6/9/12

1. All equipment must be
fully operational, with
no mechanical faults
and fully functional.

6/21/2
① of

0700 on site w/ Jeff Rhinfield,
Adam Bagg, Gary Butcher &
3 Rain for Rent Subs.
Discussed hearty protection
at around pumps for any length
of time.

Adam & Gary work on building
another gabion basket for
Lake Street Bridge
I look for elevation map
- contour channel at S.A. 6
Compare to what I see
in ground - looks similar
Tell Jeff if we take it up
have to use rock bags to dam

602/2

Talked to Paul R later
& agreed correct with address
it.

Jeff left at 9:00 am
Adan assisted Gary with
cleaning decom mat & dress up
road cuts — left site
at 12:00

Gary & I stayed until
~17:00 to assist Paul
for next, tighten up
site etc.

Note
Kerosene oil topped off
tank 3
CT

6/15/12

Met w/ Debbie Ing
gave current schedule
for next two weeks
Jeff promised Debbie
he would mark potential
curb cuts on lake street
& Crosstown & take photos
so City engineer will be
able to review

Talked to Debbie about
putting in lay pass &
groundworks, de-watering
installation of lay up
Fence up
Weeks of Prudential - City
Tree Supplies

6/15/12

16:00 In checking on progress
that SA 6 - Isolation area
is being backfilled
discussed that ~~no~~ ^{not} backfill
activities have occurred.

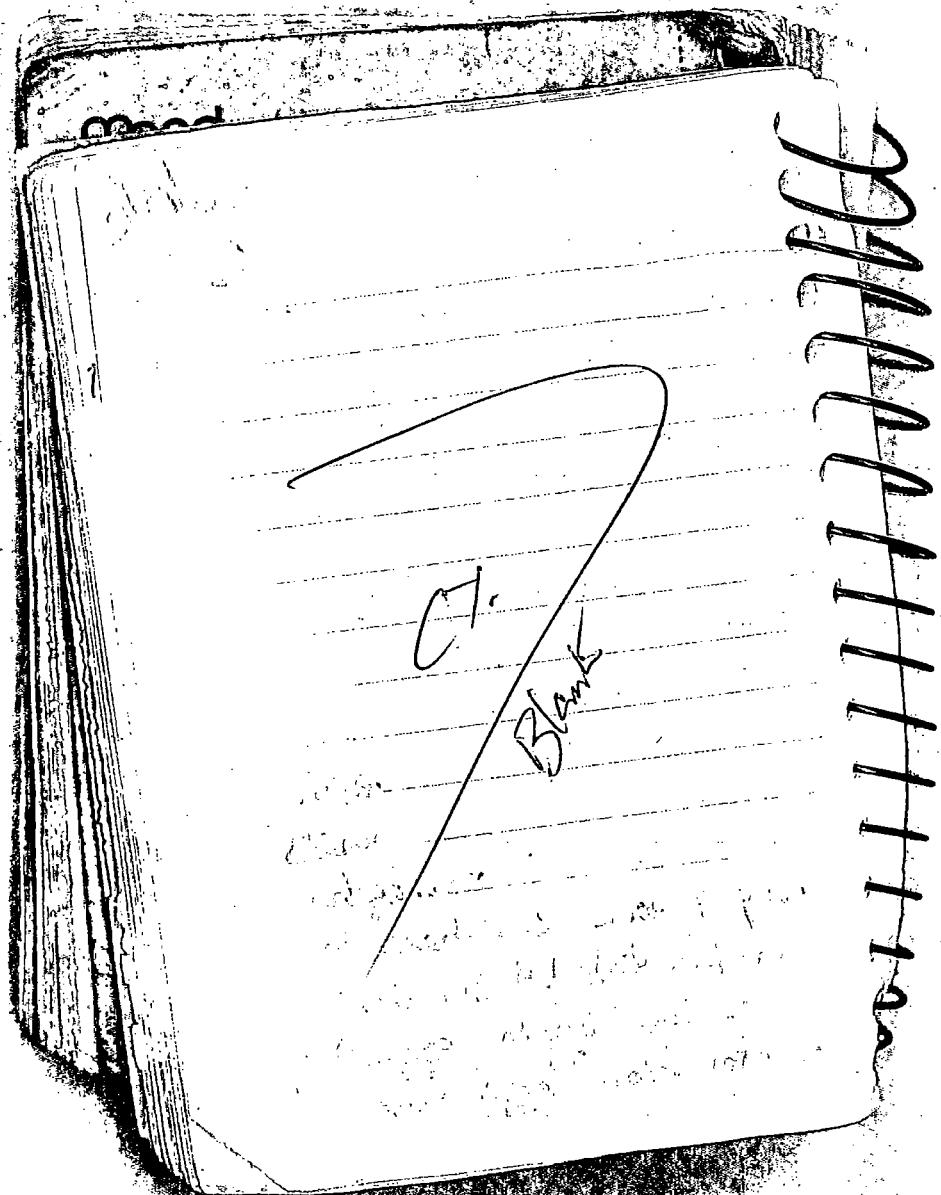
When tasked why nothing
had occurred especially in
grid SA 6-14, I was told
that we had to wait on
sample results, even though
we clearly discussed over exactly
if & backfilling it due to
fears regarding the stability
of the sand bag wall.

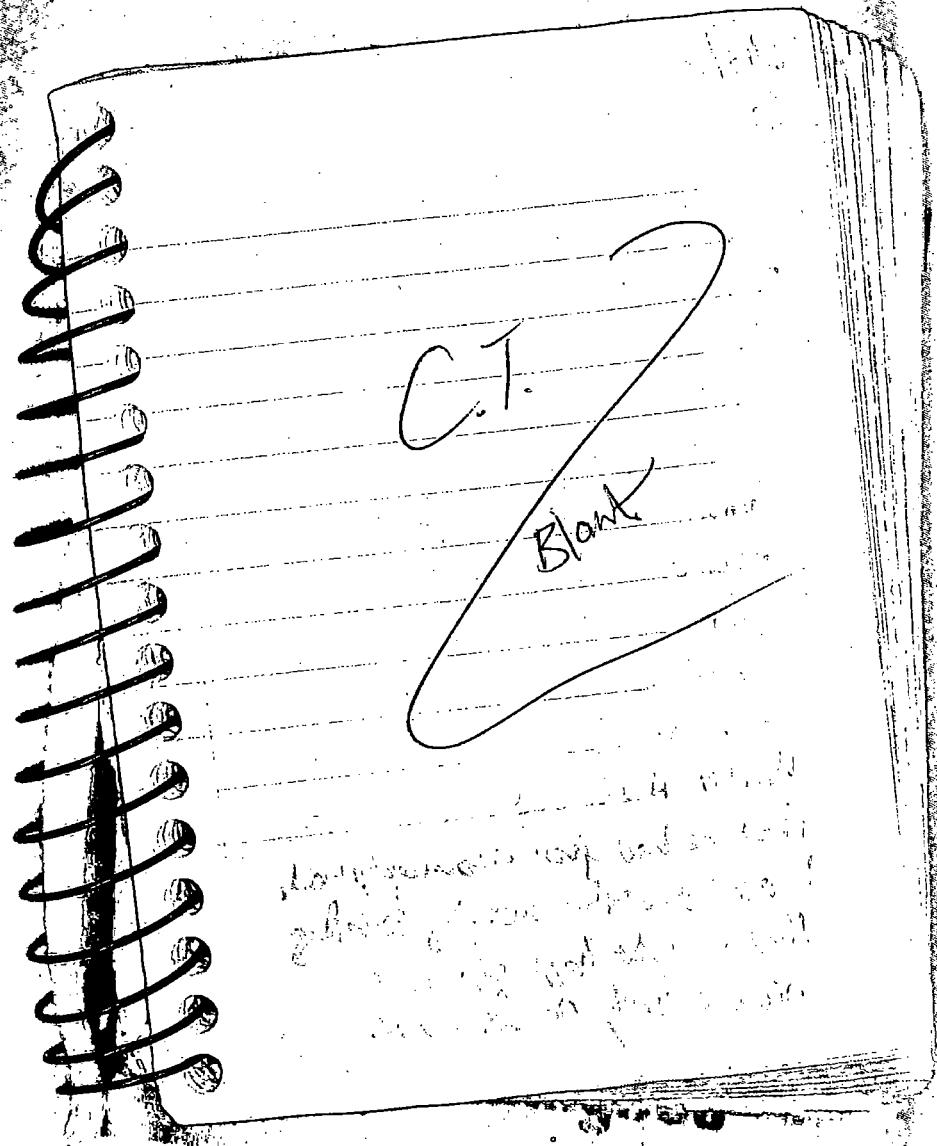
6/15/62

(2) ex

I also asked why it
took until 1330 to
excavate what little remained
of C-14. I was told
that they were decommissioning the
trucks after the last
TCA load & that the
~~ct.~~ truck turned around
time was slower due
to the water main break.
This may have added 5 minutes
a load, but still doesn't explain
why it took 6 1/2 hours to
get this little bit of material.

I found out the equipment
operator Adam Bragg cracked





6/15/12
Bull Ct.

a portion of the sidewalk
along Lake Street. When
I mentioned this to the RM
he blew it off as no big
deal.

I had asked the
foreman at Site 6 earlier in
the day (around 1:30) how
far we had over-excavated
(will it was cold it
had been over-excavated 12 inches
earlier it became apparent later
that he had just assumed that,
based on the morning briefing
that is what happened & had
never actually confirmed it.)

disk
#5

CT.

The ~~sca~~ups or delays at 6-14 almost caused a serious problem, as the material we piled up against sand bags for the wall had become saturated. When Stott went to collect the reconsolidation sample after SA 6-14 had been over excavated portions of that material began to collapse. We needed to add a bunch of rip rap & push it all the way to the top of sand bag wall to stabilize it. It took the Slight over crew until 6:30 p.m. to do this.

glisiz

① receive all the over
excavated material or cover
the pile (rain was
forecast for the weekend)
of the SA 6-14 crew
until 7:00 pm to
stabilize SA 6-14

Discussed with RM
that we ~~should~~ not have
another day like today
He asked him how we
could avoid this in the
future. He felt that
the crew wasn't paying
attention to him while

6/15/10

6/15/10

CF

many briefs. I
suggested that he stress
how important it was that
they do pay attention &
confirm with them that
they understood.

CF
6/15/12

6/17/12

○ C.I.

Mobilized to the site
checked out SA6-14
from Lake St bridge
Sandbag wall had held
at excavation looked
pretty dry

C.I.

6/17/12

6/18/12

8

Met with CO & discussed
disatisfaction with how
things were being handled
& how the would be
handled in the future.

We will not deal with
any more crew delays
where they seem to be
intentionally making the
clock for hours when
they are done with a
task. They shall dock
with a foreman or
RPM for other work
as there should be plenty
for them to do.

6/18/12

② Discussed how upset

I was with them
and how the last contract
that upset me this

Much got a stop about
order issued of them
The contract was terminated

I noted that they cannot
approach Palmer with something
that the other has already said no to.

If there are questions we can
get Palmer or myself on the
phone & discuss it so that

everyone is on the same page

Discussed that if we hear
any new suggestion that the

6/18/12

(3)

others slow down so they
can get more OT, that
person will be removed from
site

Discussed how it costs us
\$1500/hour just to have them
on site so screw ups & delays
will cost significant \$.

Discussed that if the CT
crew members will not pay
attention to RMS morning
Safety/Work order briefs, I
will view them as a threat
to their coworkers & they
will be sent home for
the day.

6/18/12

(1) I told them that there
is plenty of work for
those who want it &
those who don't will
be remade. It's up
to them.

6/18/12

CT
Gledde
S

Blank

CT.

6/18/02

Ct
6/18/12

⑥ Sketch of SA-C

Rock bridge

SheetPile
wall 1

Spig &
Rings

School room
outfall

SheetPile
wall 2

sand bag
can

silt cone

Layer 3
soil

Silt Casing

Collins

(7)

OSC Paul Resch Drafted up preliminary
list of action items for
getting out of STA-6 &
Setting up in Axell Creek -
This list was reviewed
by OSC Thomas Qm Rhoads,
Forum Gary Butler + Chris Lay -
at every doborf meeting at Reson phone
Add a few items & Resch
revised & sent all
Discussed performance issues
with PM Eric Bowman -
He will come in once or
twice a week to do
advanced planning. First meeting will
be Wednesday 10/16

6/18/12

(8)

Crews were delayed
at Site due to equipment
issue (Alternator?) with FMC's

long stick excavator

Part is on order

& should arrive tomorrow

morning

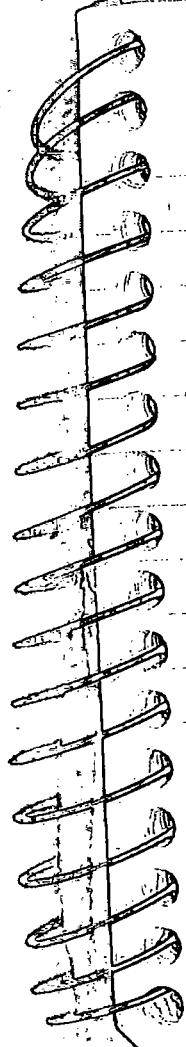
CMC on site (Dust will make
it tomorrow)

CT.

6/18/R

6/19/12

①



Part from Terra arrived
but further delays
as had difficulty installing
part. Equipment was
down for half the day.

CMC vibratory hammer
was also experiencing
issues with hydraulic
line overheating - electricity
that line blew out +
crew was delayed while
it was replaced.

Discussed working site.
Cer is done with St 6-12

6/19/12

① backfill foundation &
try to get 6+3 done.

Wait CNC to pull
1st Sheet pile wall
then come back to
get 3rd sheet pile wall
so we need to
be off of SAG-12

Jeff need to schedule
trucks for Sheets
TSCA ~~for~~ material removal
6+3 looks like it
will be Thursday

CJF
6/19/12

6/20/12

0:

Discussed heat & heat

Stress issues w/crew -

They are to make sure they
take breaks & stay hydrated

Keep an eye on each other
to make sure everyone is

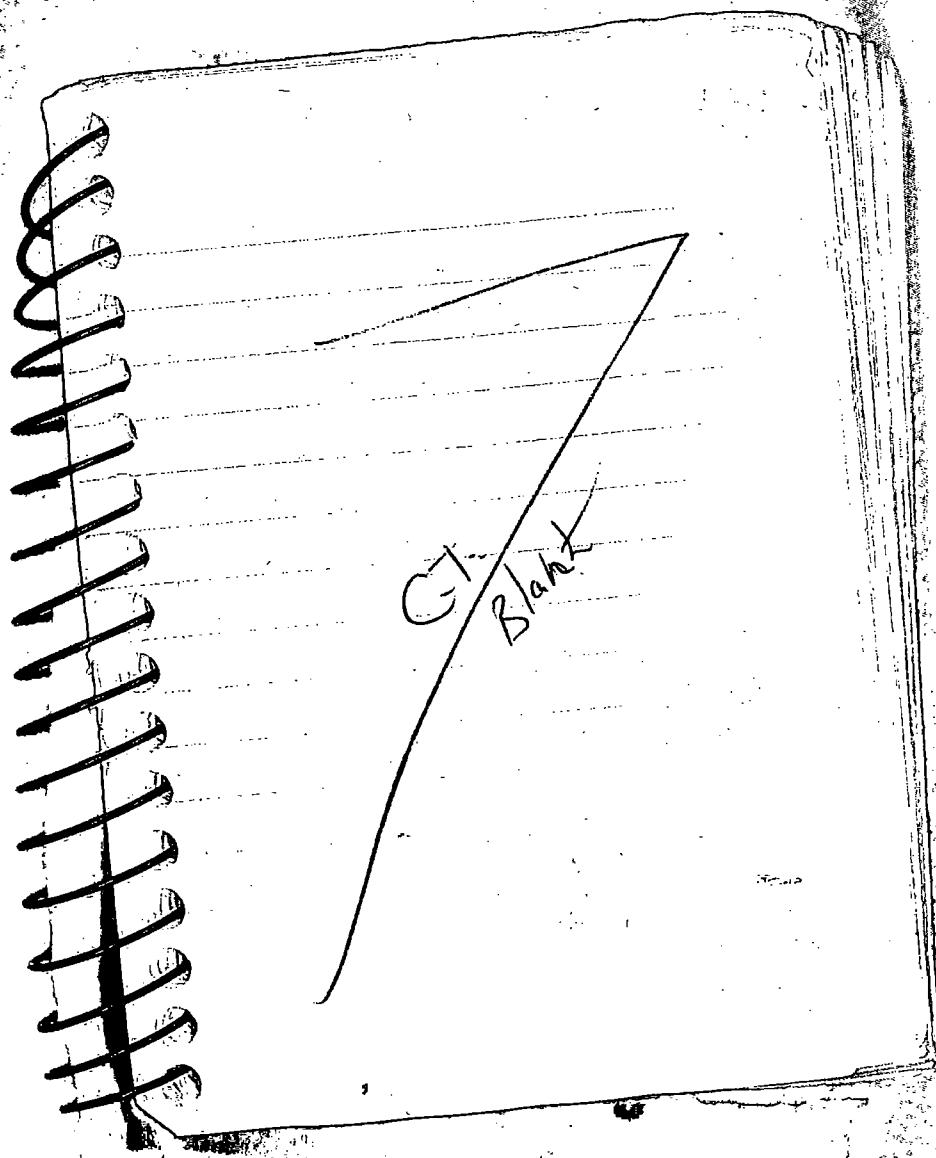
OK.

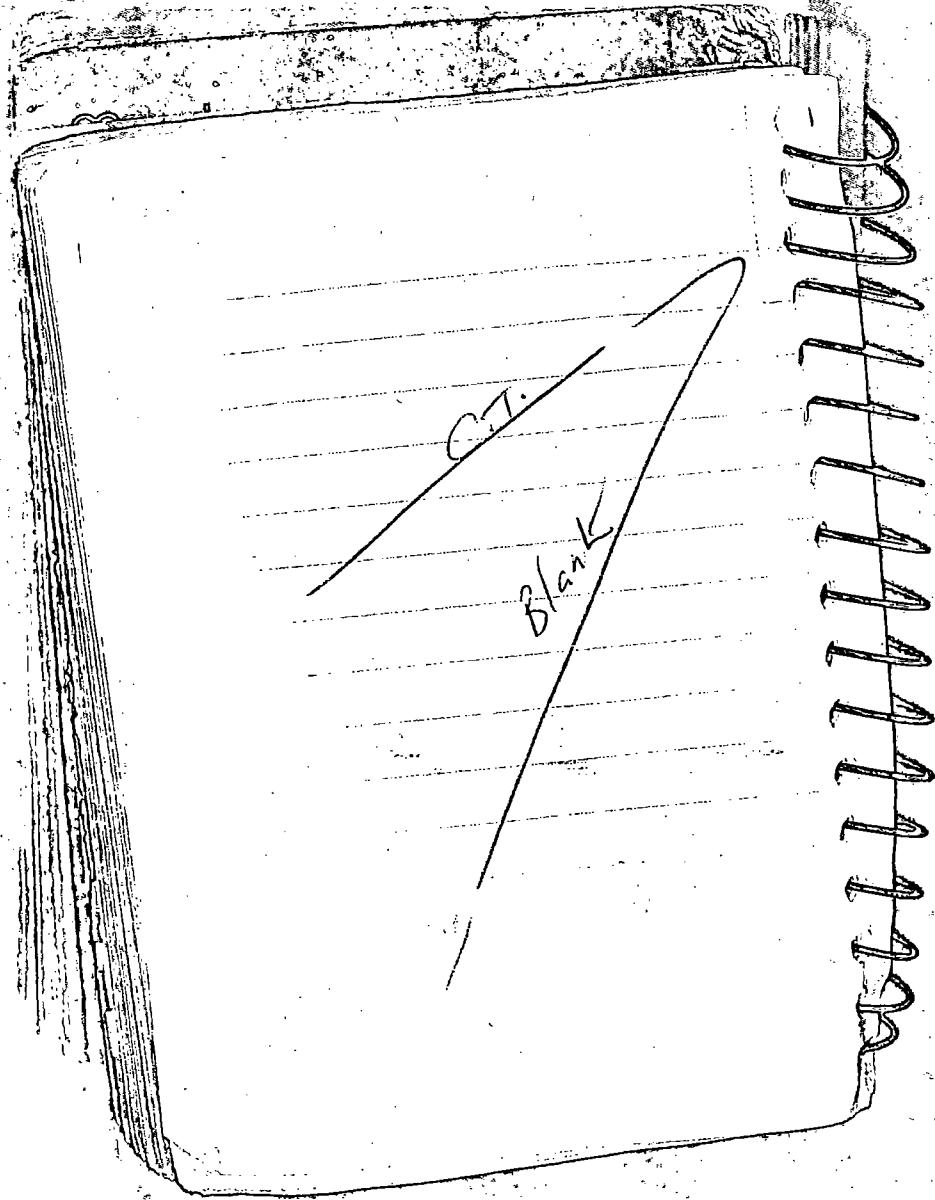
Crews began laying
geo fab in SA 6-12 th prep
for completion of backfill
in 6-12.

Will need to pull out
isolation GW dentistry
System in isolation cells
today as header pipe is
resting on sheet pile walls

6/20/12
②

Evening 4:30 meeting discussed (W.P.R. option)
work tasks for 6/21 ~~as~~ as
follows: Finish backfill of site 13
remove sand bag wall. Move
as much equipment from site to
John Street as can.
Move roll off to site 16 - make
sure clean out by hand
Continue loading out material
from pad.





6/28/12
C.T.

Arrived on Site 12:00 central

(13:00 eastern)

Reviewed current site

activities w/ OSC

Paul West, reviewed

1900-55 S of

attended evening work

overview meeting

Departed Site 19:30 eastern

6/27/12

on site 0700

contacted Kelanwood

nature center regarding
upcoming activities @ SAS

submitted comments to FOM

on FSP

10:00 Met w/ Debbie Tapp at City
of Kelanwood

topsoil - seed & stabilize
from edge of pavement from
Stockbridge to power pole.

Debbie Tapp
Jean Wilson Cr.

Start
CT

CT

Blank

7/09/12

Renobilized to site

Began by pass pumping system

After about 1 hour Western

most pump gave "Fault - Low

Water Level" Error. Called

Baker - Rich believes is
coolant in pump - will come
out + clear

Rich check s/s clamps

Error - Sensor may be

off - he started US

How to unattach sensor

if needed - confirmed

bypass system

7/10/12
②

Continued cleaning up site.

Ran for West case &
picked up 6-inch
plugs pipe & blast
poly tank

Continued set up

Wort in Axell

pitch bank to

burn in Axell

between AX 2

& 3 (just east of
1st TSCA cell)

2" pump (trash) used to divert
between 1st cells don't burn
Established Wort platform

leading to the point

(2)
7/10/12

FIELDS mobilized
(Brian Cooper & Chuck Roffin)
to more precisely mark
control points for KTK

GPS

Michigan Laser cut
to set up TINs
& Top Con System

CT
Cutter
Laser
Top Con
TINs

7/16/62

(1)

Began Gravity Aseal
after establishing
poly as drip guard
on southern berm.

4" trash pump
begins pumping off
area between berm
& final sheet wall

2 inch trash pump

now discharges water
from between 1st Sheet
pile & berm to 3rd Sheet
piling for water treatment
Continue adjusting flow
rate at bypass system

7/11/12

Received polarized CT.

Stop soil for ~~ST~~ ST 6

will not put down yet

need sample results

wait on ~~CT~~ fence

Contactor to re-establish
fence line at ST 6.

Contractor excavating Aztel

7/11/12

CT

7/12/12

Continued excavating

Axtell

Continue Site 6, denbb

R M & Justin Blinsfeld

left early to attend
funeral services/visitation

C1
7/12/12

7/12/12

C

Continued excavating

Axtell

Continue St 6 debris

R M & Jason Rhinefield

left early to attend

funeral services/visitation

C
7/12/12

7/13/12

Continued excavating

Astec - Completed

Initial dig of Creek tree SAS

Sample results show

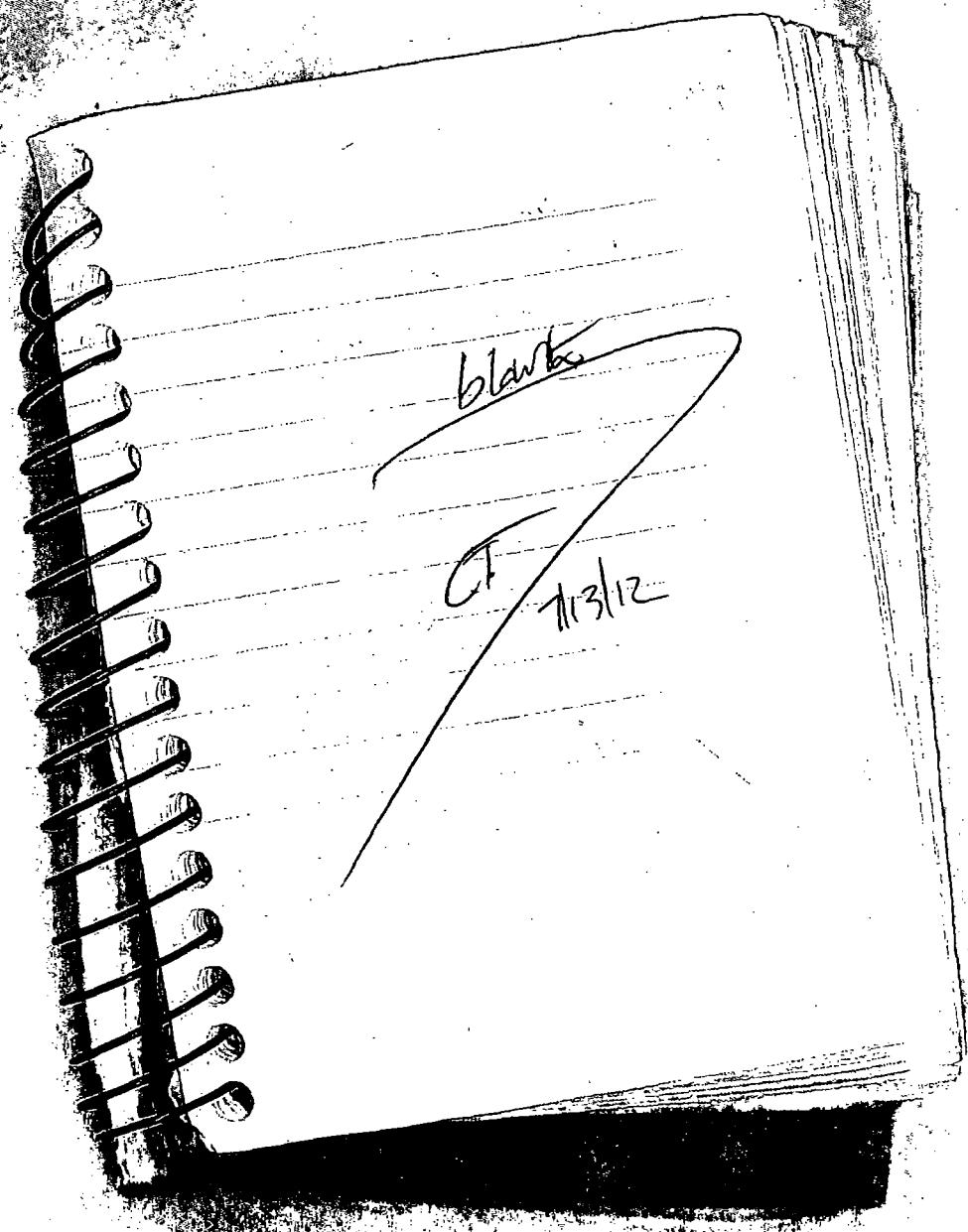
We will need to go
back to SA H 2

Continue ST-6 denots

Prepped site for weekend
trolley with pump - take ~~blow~~ in new one

CT

7/13/12



Blank

C. 1/3/12

12/12/11

7/16/12

Began pumping water in
excavation which accumulated
over weekend

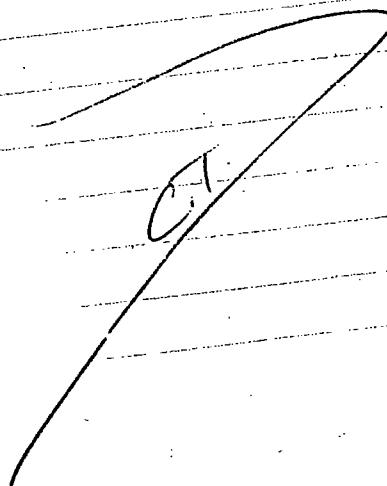
Set up to begin
digging of AVC 1d2
Centre ST to ends RGR plus 30"

ct.
7/16/12

7/11/12

①

Continue ^(C) 1 ft above
of Ax C 1 or



7/18/12

Michigan Laser cut
Check Ready on
Rail point. 762.10'
begin backfill by ATELL.

Rain storm around
lunch time quickly
(at in 5 minutes) began
flooding ATELL & Portage
creek began backfill up into
ATELL over sheet pile wall

Based on this decided
to move in additional 6-inch pump
until done excavating & backfilling ATELL
pump arrived end of day, didn't set up to work
on

7/18/12

C.T.

7/19/12

- ① overnight thunderstorms
have flooded Axell.
Portage Creek back up
into Axell - rain forecast
all day.
Demands most of
crew - repaired or work
on water management:
re-forth berms between
cells & build up berm
at confluence to keep Portage
out of Axell.
Install additional
6" pump at install in
Axell 2 to help water management.

C.T.
7/19/12

7/19/12

②

C.T.

It was discussed that
flood waters wiped out
the two turbidity
monitoring stations
in Portage Creek
Discussed options

of decided to
move the third turbidity
meter, which was still on
from Axell to the first
(immediately downstream)
turbidity location to
take up stream turbidity with
a handheld V.H.I. Can replace
2 meters that were damaged

7/20/12

CT

①

Axell Creek is down this
morning able to continue
backfill and excavation
of creek

Met w/ City of Hobanee
rep Debbie Jung - She
expressed concerns that we
were backfilling Axell back to
original grade. Seems to have
been a miscommunication - will
check w/ Tressel & see if
OK to undercut Axell.

Heard back from Judy Affairs
& initial thoughts were that it was
OK, but she wants me to date
check w/ Ernesto Takipala.

7/20/12
cont'd

(2)

while waiting for trustee

input - went from backfilling
ACG/Δ 2 (which was nearly complete)
to excavating ACG - 3.

Do not hear back from
ERNEST Sakipato today, so
will try again Monday 7/23/12

Also heard that residential owner
at Lake St. (Tom Skolst) -

didn't look like bank repair
work that was done -

will coordinate mini-excavator
to fix this on Monday -

will also use mini to
fill sand supersacks for
creek deflection wall to

7/20/12

③

Install strip for new bypass
pump system

CT
7/20/12

7/23/12
CT.

Some rain early this morning but no flooding with line up 3rd 6" pump, however, to help clear AXC #2 Control AX3 + 4 Re-excavation

Mob in mini hoe to touch up (digging) property & build super sacks

SECRET DEFENSE

Blank
ct.

Blank
C.

7/25/12

① AxC 2

#35 = SD-AxC-2C

Easting 617115.207792

Northy 4681980.621134

#25 = SD-AxC-2B

Easting 617126.557552

Northy 4681977.985281

#15 = SD-AxC-2A

Easting 617127.165343

Northy 4681977.174249

7/25/12

(2)

AXC 3

#45 = SD-AXC-3 A

Easting 617136.488179

Northing 4681981.432166

#55 = SD-AXC-3B

Easting 617159.187259

Northing 4681987.717662

AXC 4, ~~617170.739469 CT.~~

#6 = SD-AXC-4 A

Easting 617170.739469

Northing 4681988.731452

7/25/12

AXC

(3) AXC 4 (continued)

East #7 = SD-AXC-4B

Gassing 617183, 501701

Nothing 4681994.814908

#8 = SD AXC-4C

Gassing 617181, 886338

Nothing 4681995, 219702

#9 flag gone or not placed

Location estimated from

Sketch map = SD-AXC 4 D

Gassing 617183, 305031

Nothing 4682000, 684780

4682000, 694170

7/25/10

(4)

AVC 5

9 = SD-AVC-5A

Eastng 617195.059911

Northg 4682002.924507

10 = SD-AVC-5B

Eastng 617199.113180

Northg 4682010.021035

end surveying

CJ.

RECORDED

Blank

01

8/06
ctd

Baker 12" Rebar

Repair SASD Dam

ct.

8/06
ct.

Barker 12' Rebar

18" discharge

Rework Intake

ct.

8/14/12
ctd

Backfill w/ rip rap

Ship Non-TSCA off to CAC

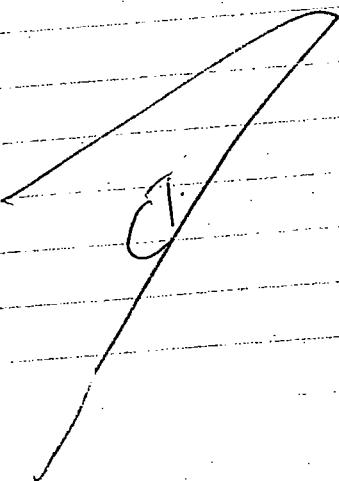
Fix sand bag dam

Isolation dewatering

G1

8/15/12
C.

Rockfill River bank
& rip rap



8/16/02
Ch. 1

Backfill River lot +

Bank run

Ch.

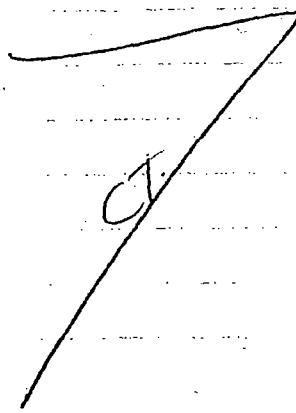
8/27/12
C1.8

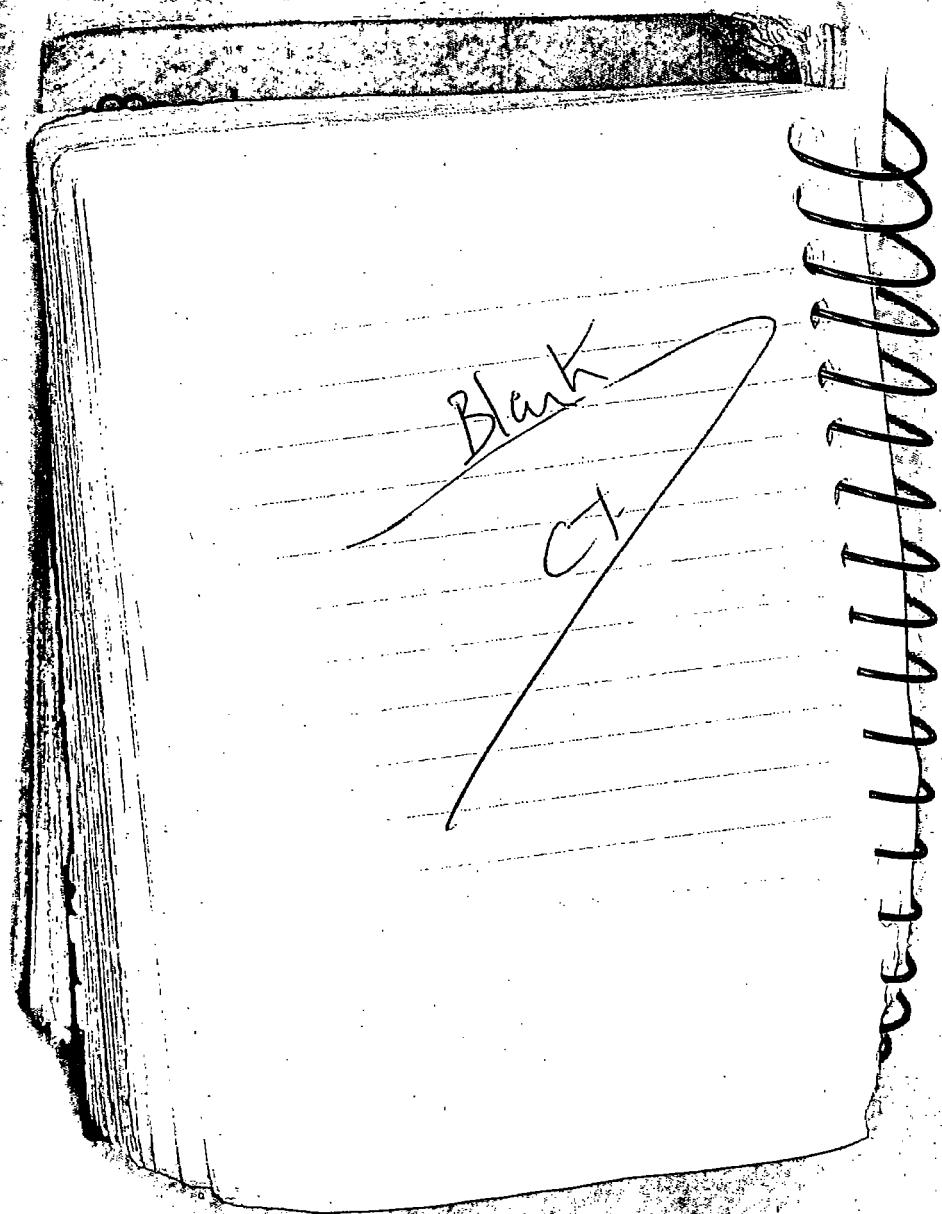
Water Management

C1

8/28/12
Ct.
0

Backfill SA5D 1-4





Blank

Ct

8/29/12
Cth

Blank

CX

8/30/12
at

Blank
ct

8/31/12
C7

Blank

C7

9/17/12

WT.

Dig SA 5D 14 + 15

sample SA 14

SA 7 - Restoration bags
w/ Kastelberg Ver Hagen (sp.)

RH last - begin
SA SC (dust)

CT

9/18/88

Dig SA 50 15416

Sample SA 514 & 15

Sample SA 4 verifiable

Ship 82 Non TSCA

Rain 4 feet finish
SASC decision

CJ

9/19/2
09.0

Backfill \$150 14+15

trash Box on \$14.16

Ship of 4 boxes

9/24/12 PR + CJ absent
01. ①

Minimal crew due to
water (rained all weekend)
RM, FCA, Gary Butcher & Tom Welch
Debutante SA SC
Ship out 2 loads TSCA

Re Set Mats at SA SC

Ran 4 rent seaps at
prop at SC - not sure
new prop any better.

9/25/12
CR

Began digging SA5C-1

This grid has taken
longer to dig because
had to lift up bypass
pump system pipes
and dig underneath them.

Noticed more cedar material
or lab bottles in this area

Also noticed a thicker band
of white paper pulp material

This portion of SA5C-1
under CR at about 60-72"

9/26/12 overnight pump failures (zapped)

in bypass system at
Lake St allowed creek
water into SA 5-D +
SA 5C - continued
throughout the day to
manage this water

SA 5C-1 was nearly
completed by the end of
the day, with an approximately
30-40' x 10' swath removed
on east side to address
on 9/27/12

SA 5C-2 was also
excavated from the southern
grid boundary to ~ 18' of

C.I. 9/26/12

Notes

(2)

CT

Northern grid boundary.

Students from WMI were
taken on a brief tour
of the project from city
streets (not in exclusion zone).
by OSC Research

Katteberg Verhage removal
+ take soil in SA 6 & SA 7
with a "gill" attachment.
Will begin planing seed in these
areas on 9/27/12 per the
restoration plans.

On going concerns with
CT 9/20/12

qholiz

cx
③

apparent breakdown in communication
between COM + CMC as
to how SASC excavation
was conducted - CMC began
pulling mats at from around
SA5C1a2 when had only
dig 36" in SA5C-2

I asked COM Foreman
Bitcher why that was
happening & he said he
only CT had no idea.

Later learned that CMC
thought a sample was
to be collected at 36"
in SA5C2.

CF qholiz

9/21/2
G.O.

Kate will Verhage back on
site to begin seedling
SA 6 & SAT

E.Qm will collect another
batch of infant/child samples
per the SRD.

Resumed excavation of
remaining material in SA 5C 1/2
Completed Remany portion of SA 5C 1
at 9:30 am began digging remaining
part of SA 5C 2

I noticed that several
of the downspouts

9/27/12

(T ②)

Well points in STS 3+4
had water in the riser
but the valves were turned
off so I turned them back

on.
I mentioned to Gary Black
(GM foreman) that I did this
but it was a problem, just
to turn them back on.
He said he had had the well
turn a few off because
there was some head loss
in HZ, but he said
he agreed it was probably
more important to continue
drilling 3d 4 since we

9/27/12
(3)
C-T

need to dig those wells

Talked to RM about

Requirements of SCS

RM is the certified Storm

water operator Certified by

MDEQ. I asked if

he is maintaining the inspection

log 1/week & within 24 hours

after each ~~of~~ storm/precipitation

and that results in a discharge

from the site. He said he does

I asked if ~~the~~ he was

providing training for individual

storm water responsibilities + sub.

Contractor + documenting that in

9/27/12

C (P) a
at rainy day He said
that we have had no
individuals or subcontractors
with those responsibilities

CT

9/27/12

9/28/12

✓ ①

CMC operation delayed for weather
Foremen Butler delayed for weather
FCA Miller worked 1/2 day of demolition foreclosed
Laborer Armstrong called in sick today.

Staging pad foreman Chris Long will
also oversee activities at SA5C

Meeting w/ Debbie - to address

Reed - regular Curb cut
take out Curb cuts Lake Street

→ 2 @ crosswalk →

Sidewalks on crosswalk

and ~~Lake~~ Lake Street.

Completed SA5C-3

10/9/12

(D
CH

Set up to dig SASC-4
Concern about nearby high tension
line - must be careful

Met w/ NRDA Trustees Branson
Hospital & City regarding the
Branson Hospital Property that
U.S. EPA is currently using
as its staging pad at John
Street.

I explained that when
we sell it (currently August
2014, based on the access
agreement) we will plan
to restore the Branson

totaliz

②
G

Hospital property we may
it was, unless directed
otherwise by bronson

Then, as long the direction
they may provide is
not more costly we
will do as they direct

Meeting concluded and
then I accompanied a
group of the trustees to
the John Street Slag
pit for a site tour
one of the Trustees
said I should treat an
area of fragmities (sp?) on
the property next fall

10/01/12

It is unclear to
me why this would be
US EPA's responsibility.
I will double check this.

~~F~~ left at 16:30 due
to biweekly pay (24)
hours

CJL

10/02/12

Q Cut

Confirmed that SASC-4 grid
was completed.

CNC Contractor back
on site to begin SASC-5
excavation

left side at 13.30
due to blower pump cap
failure

C.T.
10/02/12

10/03/12

①

(PC confirmed)
SA5CS completed + part
of SASC6 was also excavated)

Completed tour w/
Kalamazoo River Clean Up
Coalition at public
areas around ST5DX
SASC.

Completed backfill excavation
at SASC6 + began
backfilling.

Moved 3 backhoes
+ one at ZAD17-4-D-4
Surface waste to Springfield Bell

10/03/02
2

Collected Surface water,
Inherent / effluent samples
per SAD

Started groundwater
demonstratory back
up in SAD 17-16

CB
10/03/2

10/04/12

C.P.

Continued backfilling
in SA 5 C

Running low on rip rap
for backfilling
so will order more
for tomorrow

Didn't ship out any TSCA or
non-TSCA piles are too
wet. Try adding bed ash

C.P.
10/04/12

10/05/12
①
OT

A rain event occurred
last night which
flooded S45C.

Went into flood
management mode.
This caused a slight
delay this morning
but were able to
get back into
backfilling.

Met w/ Debbie Jorg -
City of Kalmar
Debbie in process M

10/08/12

C.T.

① Continued backfilling

SA 5C - rain over weekend

caused water issues -

Left site early due to
time management / payroll ap issues
for pp → departed site

at 12:00 pm

Paul Resch remains on site

C.T.
10/08/12

work
cut

Continued pumping D-17 to bbls
Continued solution de-watering
in Axell

SA 5C - continued backfilling

Completed rip rap -

Continued filling dredging

Holes → bags ready

Equipment

Started TCA -

Cutter
to bottom

10/10/12

COT. Continued backfilling back

on site RMR Back in

SASC → completed except

water backfill. Roger mostly made back
to SASC

FIELDS at 40 do

Survey work in SA3A

SA3A + do elevators

In SASC D, SASC C, SASC A dell

EPA Graphic Artist P. Gallichio

at 40 take photos of

site

WW students at site

Site has:

10/10/12
① CT

Completed last couple
of loads of TSSA

Began putting sand bags
burrito dam at
Vine street.

Gen foreman told me that
we'd begin installing G.R.
logs tomorrow. Will keep
sand bags from burrito dam
in SASC until tomorrow.

CT

10/10/12

10/11/12

① Demolished temporary fence
panels from SAS-C

Rolled at Sandbag dam
from Crossbow.

Rolled De-watering tiles
Shipped NDCI

Cdt

10/11/12

10/12/12

G.
D.

Pet Cow logs in SASC

~~Finish filling at street G.
pile~~

10/12/12

Flushed settle mets at
Lake Street to pull shed pile
from. -

Shoved off Pallets

Removed green screen from
fence in SASC & STD

Sold off bag of scrap.

10/15/12

CT

Did core sample in SA 5A
Moved pipe around Axell
Portage Crest in preparation
for sheet pile removal

CNC mobilized in
excavator with vibro
hammer

Dismantled 12" pipe from
Axell -
Scraped up 1" x 3" stone
from SA 5D

Shipped Non TSCA off
I left early at 5:30pm
Paul Wach stayed -

10/16/6

①
CT.

CNC on site
to pull Sheet pile -
set up an Addell /
Portage Creek Conditioned
after noticing a lack of
significant progress I went
to investigate the Equipment man
told me that CNC's vib hammer
was a little cold & needed to
warm up. He also mentioned
that the hammer had leaked
a little bit of hydraulic fluid/oil
so they will working to
stop that.
Upon hearing that the hammer
was leaking hydraulic oil

10/16/12

②

C.T. I asked the Bonneville
to place Sorbent boom across
Portage creek by the Up John
Park footbridge. This was
done, some timber mats
were also moved/replaced +
then EMC began trying to
vibe at the sheet piling.
As soon as they tried that,
the hydraulic line on the
hammer blew. They immediately
shut the hammer/excavator off
at EQM rounded
up some pads + began
padding up the oil. In
addition to pads at the spill site

10/16/12
OS

I had GM place
a silt curtain in front
of the CrossTown Parkway
Bridge + pitt pads in
the silt curtain. GM
in no way assisted with
spill clean up so this needs
to be addressed in tomorrow's
HHS tail gate. I had
GM call in an NRC report
+ also contacted Debbie Jing
to make her aware of it.
Ken Leath w/ MDGQ
also stopped by based on
the NRC report + he was
satisfied w/ our response.

10/16/12

(4)

ct. Completed packing sheet
pile at the Adell /
Portage confluence + then
moved to Adell Creek
near John Street +
added about more
sheets
Skipped of Net-DCR
today

CF
10/16/12

10/17/02

O
C

Completed pulling off sheet pile at John Street
CMC Set up at Lake Street to begin pulling
Sheet pile while E&M pulled sump mats &
touched up creek bank/bed
where John Street Sheet pile was.

CMC Completed pulling
Lake Street Sheet pile
Rilled Gutter Boxes
from Nine Street after
shutting off Backer
bypass pumps.

col-7-112

11

Came truck hauled
away 1 load of
sheet pile.

Farm Gard
paved fence from
Lake Street pumps

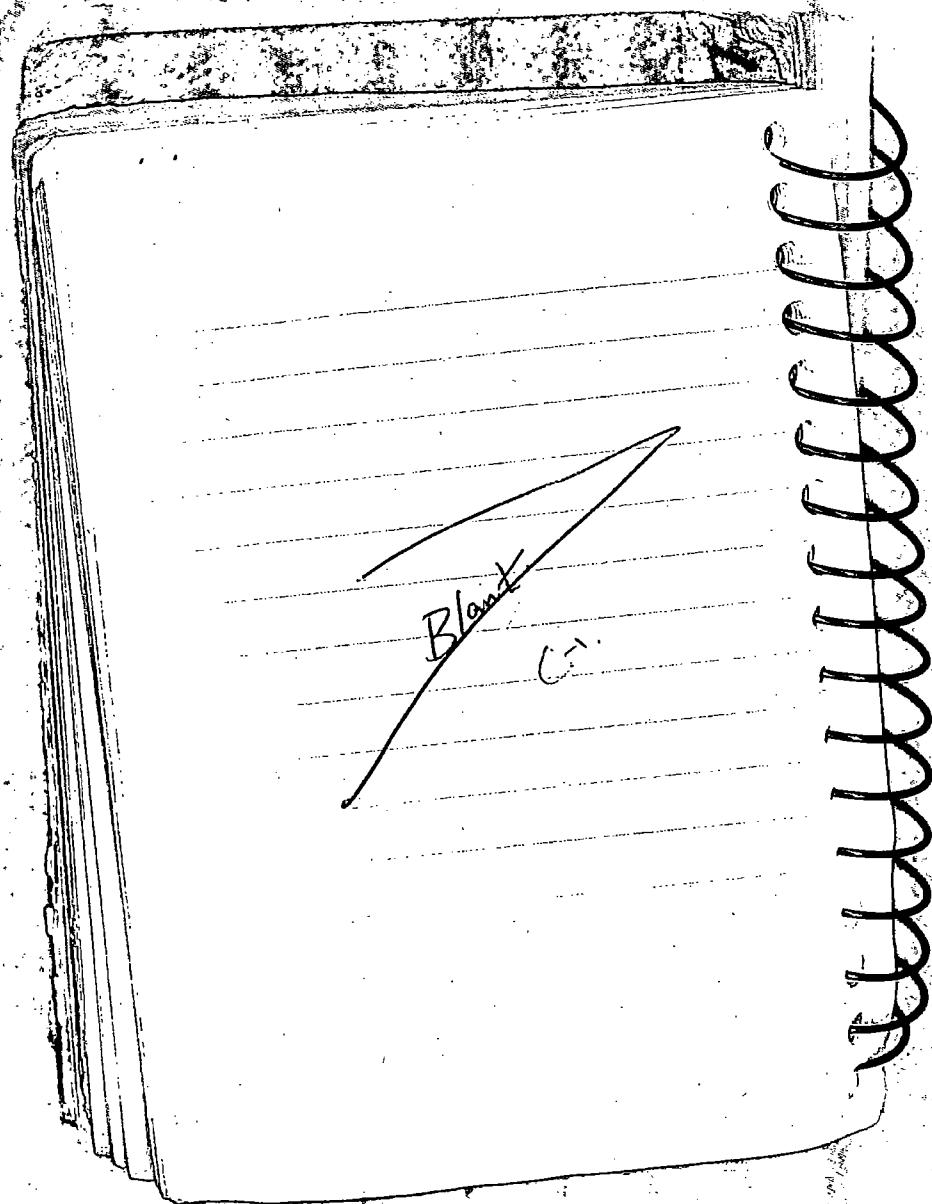
Concrete subcontracts
placed new curb at
Road & repaired/poured
sidewalk at
Stockbridge
Hauled off Non PCA

10/18/12
①

Weather conditions
were poor so cut
back plan to focus
on clearing at Springfield
Belle & assembly
Baker disassemble
plungers.

Moved Republic roll off
box outside site fence
for after hours pick up.

OT



3/18/13

Block C

XXXXXXXXXXXX

Blank

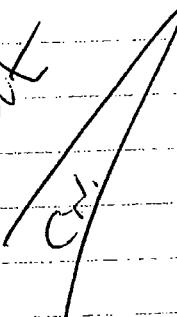
CY

3/19/13

Blank
C

3/9/13

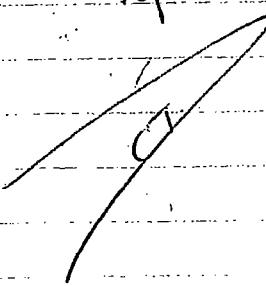
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XXXXXXXXXXXX

3/20/13

Nothing to
report



allumbuttuce

B/25K

G.

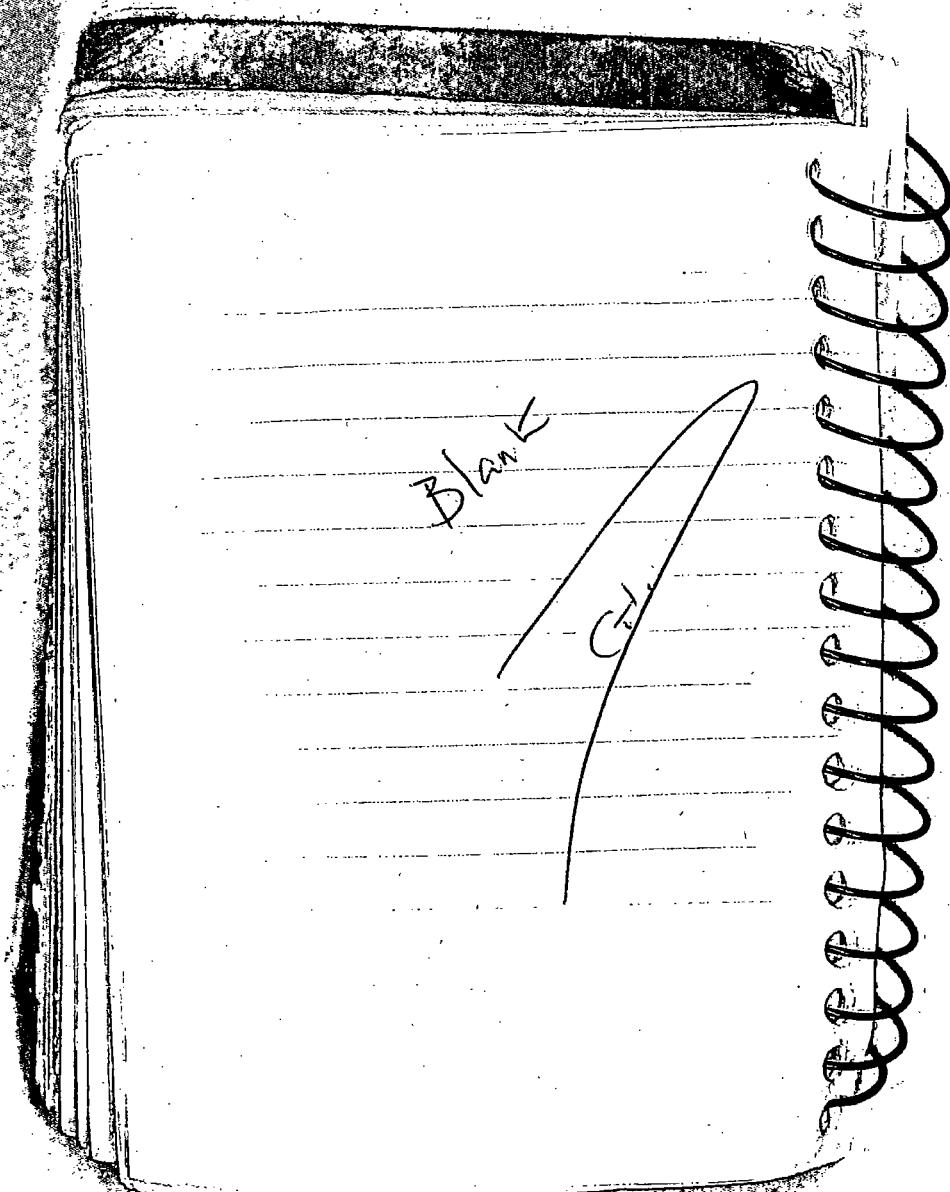
3/23/13

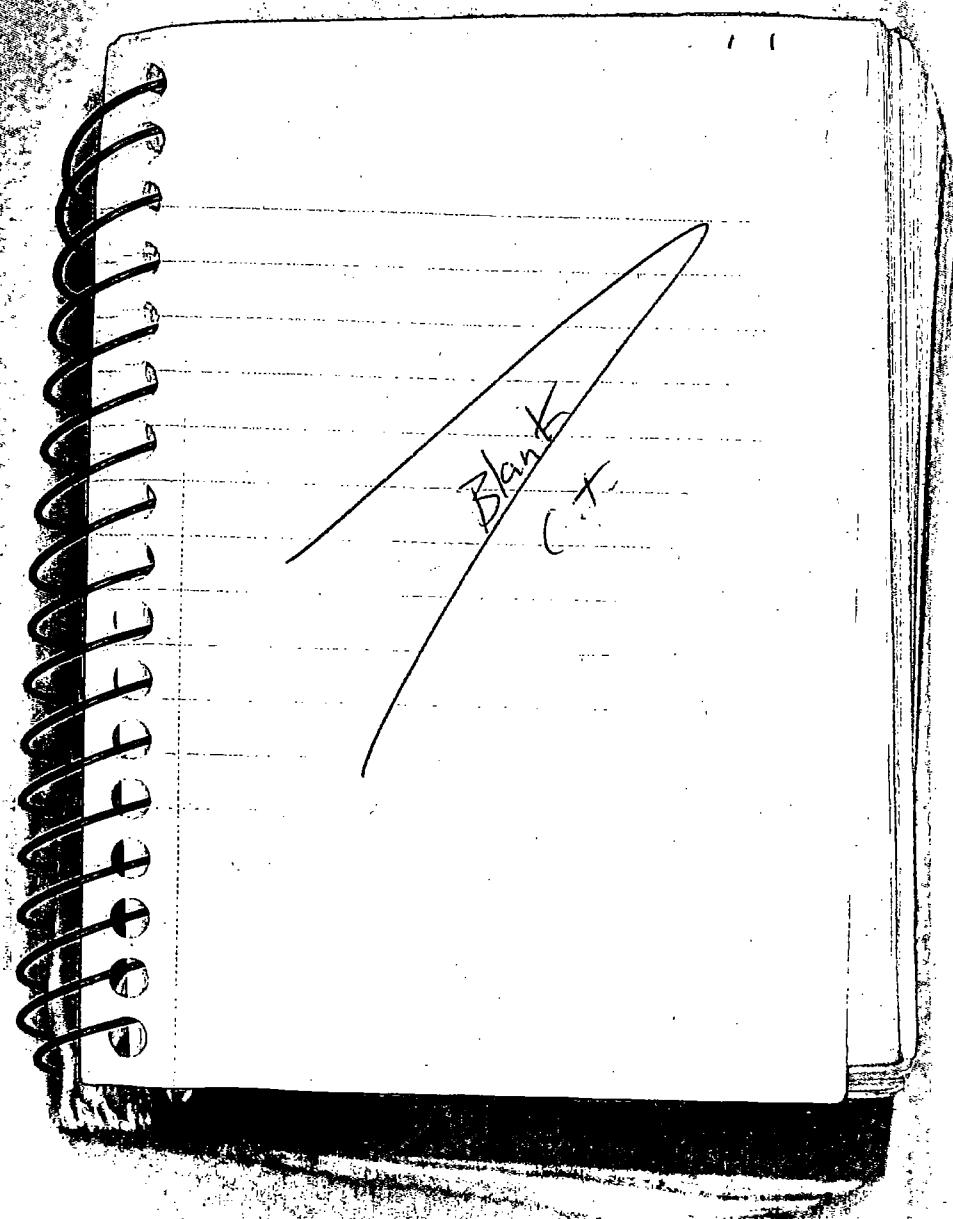
Meeting w/ Keiser & Associates

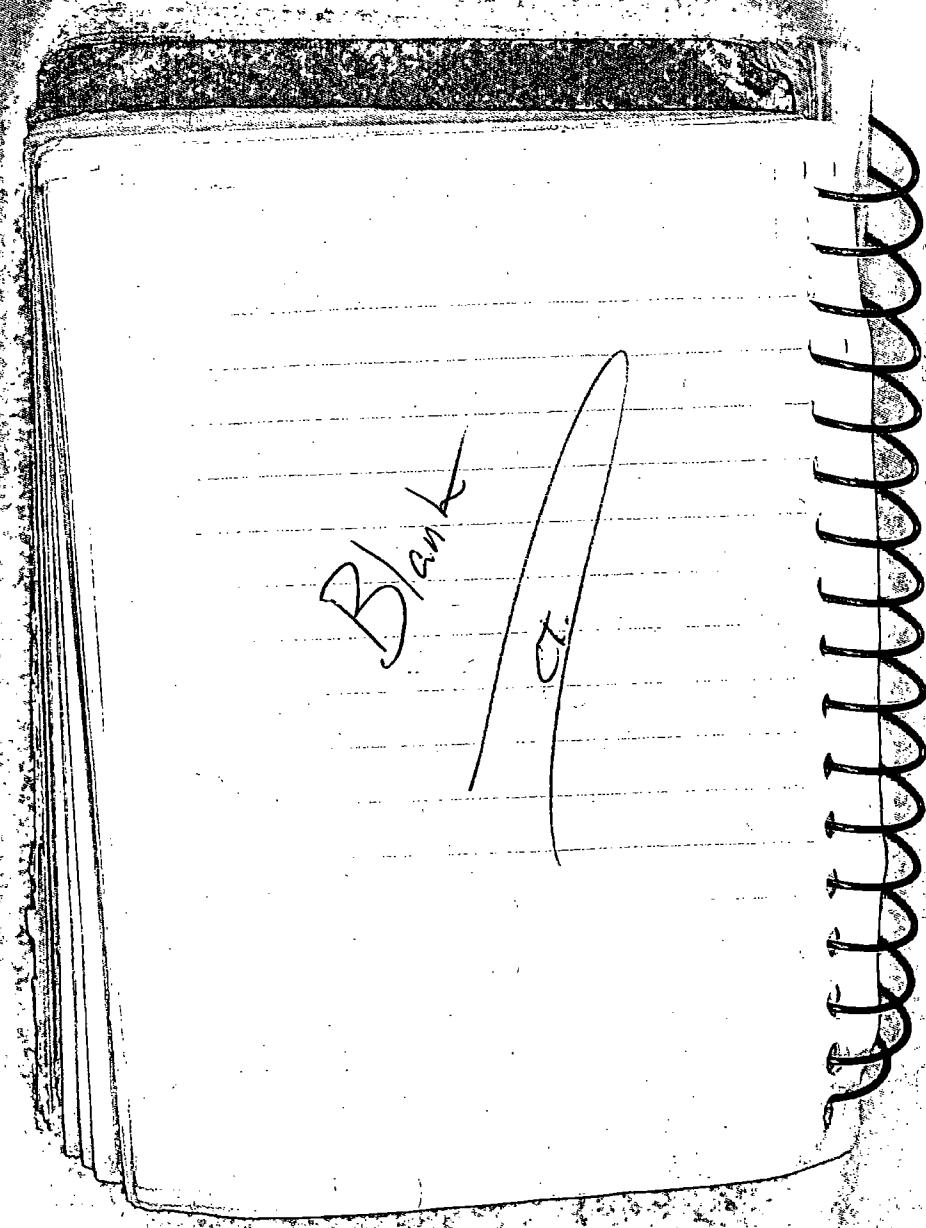
Brian Dyer

Discussed restoration
plans for U.S. Army project, especially

SASA







4/17/13

Met w/ Bronson properties
+ City of Kalamazoo
to discuss Bronson
plans for redevelopment
+ how that might
impact how we restore
SA 5A